

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DKT. NO. 503.35933VV5	SERIAL NO. 09/826,837
	APPLICANT AOTA, et al.	
	FILING DATE April 10, 2001	GROUP 1772

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
CAS	AA	5,460,317	10-95	Thomas, et al.	228	112.1
CAS	AB	5,697,544	12-97	Wykes	228	2.1
CAS	AC	5,813,592	9-98	Midling, et al.	228	112.1
CAS	AD	5,713,507	2-98	Holt, et al.	228	112.1
CAS	AE	5,769,306	6-98	Colligan	228	112.1
CAS	AF	5,611,479	3-97	Rosen	228	112.1
CAS	AG	5,829,664	11-98	Spinella, et al.	228	112.1
CAS	AH	5,862,975	1-99	Childress	228	120
CAS	AI	5,893,507	4-99	Ding, et al.	228	2.1
CAS	AJ	5,971,247	10-99	Gentry	228	2.1
CAS	AK	5,971,252	10-99	Rosen, et al.	228	112.1
CAS	AL	5,972,406	10-99	Childress	428	615

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
CAS	AM	7505090	6-95	Japan	-	-	
CAS	AN	0615481	9-94	Europe	-	-	
CAS	AO	2246863	10-90	Japan	-	-	
CAS	AP	52-123358	10-77	Japan	-	-	
CAS	AQ	0797043A2	9-97	Europe	-	-	
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CAS	AU	Dawes, "An Introduction to Friction Stir Welding and Its Development", in <u>Welding & Metal Fabrication</u> (January 1995), pages 13, 14 and 16.
CAS	AV	T. Shinoda, et al., "324 Butt Welding of Plate Using Friction Stir Welding: Method Study of Friction Stir Welding", <u>Welding Associate Japan Lecture Meeting Outline</u> , No. 56 (April 1995), pages 208 and 209.
CAS	AW	"The World's First Order for a Newly-Developed Welding Method, Friction Stir Welding".
CAS	AX	"Two Prints dated June 23, 1993 showing details from a video from the Welding Institute".
	AY	
	AZ	
Examiner Catherine A. Dimore		Date Considered 2/1/02

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DKT. NO. 503.35933VV5	SERIAL NO. 09/828,837
	APPLICANT AOTA, et al.	
	FILING DATE April 10, 2001	GROUP 1772

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
CAS	AA 5,975,406	11-99	Mahoney, et al.	228	112.1	
CAS	AB 5,697,511	12-97	Bampton	220	4.12	
CAS	AC 5,718,366	2-98	Colligan	228	112.1	
CAS	AD 5,098,007	3-92	Tsuruda, et al.	228	125	
CAS	AE 5,794,835	8-98	Colligan, et al.	228	2.1	
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
CAS	AM 1048390A2	2-11-00	EP	—	—		
CAS	AN 2000153374A	6-6-0	JP	—	—		
CAS	AO 11320127A	11-24-99	JP	—	—		
	AP						
	AQ						
	AR						
	AS						
	AT						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	
	AV	
	AW	
	AX	
	AY	
	AZ	
Examiner	Date Considered	
Catherine A. Dimore	2/1/02	

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
503.35933VV5

SERIAL NO.
09/828,837

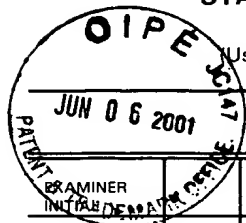
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

APPLICANT
AOTA et al.

FILING DATE
April 10, 2001

GROUP
1725-1772

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

EXAMINER INITIALS/DATE	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CAS		5	3	8	8	5	2	9	2/95	Tieberghien et al.	105	397	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
CAS	60	1	6	6	1	7	7		8/85	Japan	-	-		x	
CAS	51	1	1	1	9	2	5		3/75	Japan	-	-		x	
CAS	6-	1	5	6	2	7	2		6/94	Japan	-	-		x	
CAS	7-	3	3	0	1	6			2/95	Japan	-	-		x	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Catherine A. Dimore

DATE CONSIDERED

2/01/02

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.